


		NTSB ID: DCA89MA063		Aircraft Registration Number: N1819U	
		Occurrence Date: 07/19/1989		Most Critical Injury: Fatal	
		Occurrence Type: Accident		Investigated By: NTSB	
Location/Time					
Nearest City/Place SIOUX CITY	State IA	Zip Code 51102	Local Time 1600	Time Zone CDT	
Airport Proximity: On Airport		Distance From Landing Facility: 0		Direction From Airport: 0	
Aircraft Information Summary					
Aircraft Manufacturer MCDONNELL DOUGLAS		Model/Series DC-10-10		Type of Aircraft Airplane	
Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:					
FACTUAL REPORT - AVIATION					

 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: DCA89MA063			
		Occurrence Date: 07/19/1989			
		Occurrence Type: Accident			
Landing Facility/Approach Information					
Airport Name SIOUX GATEWAY	Airport ID: SUX	Airport Elevation 1098 Ft. MSL	Runway Used 22	Runway Length 6600	Runway Width 150
Runway Surface Type: Concrete					
Runway Surface Condition: Dry					
Type Instrument Approach: NONE					
VFR Approach/Landing: Forced Landing					
Aircraft Information					
Aircraft Manufacturer MCDONNELL DOUGLAS		Model/Series DC-10-10		Serial Number 46618	
Airworthiness Certificate(s): Transport					
Landing Gear Type: Retractable - Tricycle					
Homebuilt Aircraft? No	Number of Seats: 345	Certified Max Gross Wt.	430000 LBS	Number of Engines: 3	
Engine Type: Turbo Fan	Engine Manufacturer: GE	Model/Series: CF6-6D	Rated Power: 51000 LBS		
- Aircraft Inspection Information					
Type of Last Inspection Unknown	Date of Last Inspection	Time Since Last Inspection 0 Hours	Airframe Total Time Hours		
- Emergency Locator Transmitter (ELT) Information					
ELT Installed? No	ELT Operated?	ELT Aided in Locating Accident Site?			
Owner/Operator Information					
Registered Aircraft Owner		Street Address			
		City	State	Zip Code	
Operator of Aircraft UNITED AIRLINES		Street Address P. O. BOX 66100			
		City CHICAGO	State IL	Zip Code 60666	
Operator Does Business As:			Operator Designator Code: UALA		
- Type of U.S. Certificate(s) Held:					
Air Carrier Operating Certificate(s): Flag Carrier/Domestic					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Part 121: Air Carrier					
Type of Flight Operation Conducted: Scheduled; Domestic; Passenger Only					
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First Pilot Information																																																																																				
Name		City		State	Date of Birth																																																																															
On File		On File		On File	Age																																																																															
					57																																																																															
Sex: M	Seat Occupied: Left	Principal Profession: Civilian Pilot		Certificate Number:																																																																																
Certificate(s): Airline Transport																																																																																				
Airplane Rating(s): Multi-engine Land; Single-engine Land																																																																																				
Rotorcraft/Glider/LTA:																																																																																				
Instrument Rating(s): Airplane																																																																																				
Instructor Rating(s):																																																																																				
Type Rating/Endorsement for Accident/Incident Aircraft? Yes				Current Biennial Flight Review?																																																																																
Medical Cert.: Class 1		Medical Cert. Status: Valid Medical--w/ waivers/lim.		Date of Last Medical Exam: 03/1989																																																																																
<table border="1"> <tr> <th rowspan="2">- Flight Time Matrix</th> <th rowspan="2">All A/C</th> <th rowspan="2">This Make and Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multi-Engine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> <tr> <td>Total Time</td> <td>29967</td> <td>7190</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Pilot In Command(PIC)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Instructor</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 90 Days</td> <td>213</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 30 Days</td> <td>74</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Last 24 Hours</td> <td>2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>						- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time	29967	7190									Pilot In Command(PIC)											Instructor											Last 90 Days	213										Last 30 Days	74										Last 24 Hours	2									
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Seatbelt Used?		Shoulder Harness Used?		Toxicology Performed? No																																																																																
				Second Pilot? Yes																																																																																
Flight Plan/Itinerary																																																																																				
Type of Flight Plan Filed: IFR																																																																																				
Departure Point		State	Airport Identifier	Departure Time	Time Zone																																																																															
DENVER		CO	DEN	1409	CDT																																																																															
Destination		State	Airport Identifier																																																																																	
CHICAGO		IL	ORD																																																																																	
Type of Clearance: IFR																																																																																				
Type of Airspace:																																																																																				
Weather Information																																																																																				
Source of Briefing:																																																																																				
Company																																																																																				
Method of Briefing:																																																																																				


 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: DCA89MA063	
		Occurrence Date: 07/19/1989	
		Occurrence Type: Accident	

Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation	WOF Distance From Accident Site	Direction From Accident Site
SUX	0000		0 Ft. MSL	0 NM	0 Deg. Mag.
Sky/Lowest Cloud Condition: Unknown			0 Ft. AGL	Condition of Light: Day	
Lowest Ceiling: Broken		4000 Ft. AGL		Visibility: 15 SM	Altimeter: 30.00 "Hg
Temperature: 27 °C	Dew Point: 14 °C	Wind Direction: 10			Density Altitude: 0 Ft.
Wind Speed: 11	Gusts:	Weather Conditions at Accident Site: Visual Conditions			
Visibility (RVR): 0 Ft.	Visibility (RVV) 0 SM	Intensity of Precipitation: Unknown			
Restrictions to Visibility: None					
Type of Precipitation: None					

Accident Information					
Aircraft Damage: Destroyed		Aircraft Fire: Ground		Aircraft Explosion: Ground	
Classification: U.S. Registered/U.S. Soil					
- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL
First Pilot			1		1
Second Pilot			1		1
Student Pilot					
Flight Instructor					
Check Pilot			1		1
Flight Engineer			1		1
Cabin Attendants	1	6			7
Other Crew					
Passengers	110	41	121	13	285
- TOTAL ABOARD -	111	47	125	13	296
Other Ground	0	0	0		0
- GRAND TOTAL -	111	47	125	13	296

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FACTUAL REPORT - AVIATION					
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	Occurrence Type: Accident	
Administrative Information		
Investigator-In-Charge (IIC) R MACINTOSH		
Additional Persons Participating in This Accident/Incident Investigation:		
<div>FACTUAL REPORT - AVIATION</div> <div>Page 5</div>		